**Module 2**

**Git Assignment-4**

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ubuntu@ip-172-31-25-3:~$ mkdir amt4

ubuntu@ip-172-31-25-3:~$ cd amt4

ubuntu@ip-172-31-25-3:~/amt4$ vi master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git init

Initialized empty Git repository in /home/ubuntu/amt4/.git/

ubuntu@ip-172-31-25-3:~/amt4$ git add .

ubuntu@ip-172-31-25-3:~/amt4$ git commit -m "This is master.txt"

[master (root-commit) fa59a96] This is master.txt

1 file changed, 1 insertion(+)

create mode 100644 master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git branch public1

ubuntu@ip-172-31-25-3:~/amt4$ git branch public2

ubuntu@ip-172-31-25-3:~/amt4$ git branch private

ubuntu@ip-172-31-25-3:~/amt4$ git checkout public1

Switched to branch 'public1'

ubuntu@ip-172-31-25-3:~/amt4$ vi public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ git add public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ git commit -m "This is public1.txt inside public1"

[public1 8404ae5] This is public1.txt inside public1

1 file changed, 1 insertion(+)

create mode 100644 public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ git branch

master

private

\* public1

public2

ubuntu@ip-172-31-25-3:~/amt4$ git checkout master

Switched to branch 'master'

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git merge public1

Updating fa59a96..8404ae5

Fast-forward

public1.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ git merge public2

Already up to date.

ubuntu@ip-172-31-25-3:~/amt4$ git checkout private

Switched to branch 'private'

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt

ubuntu@ip-172-31-25-3:~/amt4$ vi master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git add master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git commit -m "This is inside private branch"

[private 7ba5c4c] This is inside private branch

1 file changed, 2 insertions(+)

ubuntu@ip-172-31-25-3:~/amt4$ git merge public1

Merge made by the 'recursive' strategy.

public1.txt | 1 +

Merge made by the 'recursive' strategy.

public1.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ cat master.txt

This is master.txt

This is inside private branch

ubuntu@ip-172-31-25-3:~/amt4$ git checkout public1

Switched to branch 'public1'

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ cat master.txt

This is master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git merge private

Updating 8404ae5..2ea1a6c

Fast-forward

master.txt | 2 ++

1 file changed, 2 insertions(+)

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ cat master.txt

This is master.txt

This is inside private branch

ubuntu@ip-172-31-25-3:~/amt4$ git checkout public2

Switched to branch 'public2'

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt

ubuntu@ip-172-31-25-3:~/amt4$ cat master.txt

This is master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git merge private

Updating fa59a96..2ea1a6c

Fast-forward

master.txt | 2 ++

public1.txt | 1 +

2 files changed, 3 insertions(+)

create mode 100644 public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ cat master.txt

This is master.txt

This is inside private branch

ubuntu@ip-172-31-25-3:~/amt4$ git checkout master

Switched to branch 'master'

ubuntu@ip-172-31-25-3:~/amt4$ git merge private

Updating 8404ae5..2ea1a6c

Fast-forward

master.txt | 2 ++

1 file changed, 2 insertions(+)

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ cat master.txt

This is master.txt

This is inside private branch

ubuntu@ip-172-31-25-3:~/amt4$ vi master.txt

ubuntu@ip-172-31-25-3:~/amt4$ git checkout private

M master.txt

Switched to branch 'private'

ubuntu@ip-172-31-25-3:~/amt4$ git merge master

Already up to date.

ubuntu@ip-172-31-25-3:~/amt4$ git checkout master

M master.txt

Switched to branch 'master'

ubuntu@ip-172-31-25-3:~/amt4$ git merge private

Already up to date.

ubuntu@ip-172-31-25-3:~/amt4$ git checkout private

M master.txt

Switched to branch 'private'

ubuntu@ip-172-31-25-3:~/amt4$ ls

master.txt public1.txt

ubuntu@ip-172-31-25-3:~/amt4$ cat master.txt

This is master.txt

This is inside private branch

This is final merge